UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Entomology Research Branch

Postbox 85, Curacao, N. A.

November 1, 1954

NOV 4 1954

To: R. C. Bushland

From: A. H. Baumhover

Subject: Weekly report - Curacao

EGG MASSES COLLECTED - NONE

STERILE MALES RELEASED - 68,000

SCREW-WORM CASES - NONE

MACELLARIA CASES -

1--goat bitten by dog
1--sheep with fouled wool
1--3 day-old calf, cause not definitely known, however, infested area damp from calf lying on wet ground.

cc: A. W. Lindquist
A. J. Graham
G. W. Eddy

A. H. Baumhover

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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
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Postbox 85, Curacao, N. A.

NOV 12 1954

November 8, 1954

To: R. C. Bushland

From: A. H. Baumhover

Subject: Weekly report - Curacao

EGG MASSES COLLECTED - 1 sterile mass totaling 120 eggs, pen #6, November 4, 1954.

Sterile MALES RELEASED - 68,000

SCREW-WORM CASES - None

MACELLARIA CASES -

1--3 day old calf in perfect health
1--sheep with fouled wool

The egg mass collected this week was laid in the typical screw-worm pattern. One egg developed to the spine stage, but the larva was unable to emerge. No misshapen eggs were observed.

On November 5th constant observation of goat wounds was made from 9:15 a.m. until sunset at 6:00 p.m. at pen #6. Ten female screw-worm flies were collected after being allowed 5 to 10 minutes for feeding or oviposition. All of these flies lacked the robustness, size, and coloration typical of the natural female screw-worm and none were capable of oviposition. These observations were continued the following day from sunrise to sunset. Twenty-two females similar to those collected the previous day were observed and collected. None oviposited.

If no additional masses are collected it would seem unlikely that the mass collected November 4th had resulted from a recent infestation. I would be more inclined to believe that a fly 4 or 5 weeks old may have survived to lay, or that a released female had laid the egg mass.

cc: A. W. Lindquist
A. J. Graham
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Postbox 85, Curacao, N. A.

November 8, 1954

To: R. C. Bushland

From: A. H. Baumhover

Subject: Weekly report - Curacao

EGG MASSES COLLECTED - 1 sterile mass totaling 120 eggs, pen #6, November 4, 1954.

Sterile MALES RELEASED - 88,000

SCREW-WORM CASES - None

MACHILARIA CASES -

1--3 day old calf in perfect health
1--sheep with fouled wool

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C. H. Baumhover

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Entomology Research Branch

Postbox 85, Curacao

NOV 18 1954

November 15, 1954

To: Dr. R. C. Bushland

From: A. H. Baumhover

Subject: Weekly report - Curacao

EGG MASSES COLLECTED - 1 sterile mass totaling 120 eggs, pen #4, November 11 (6 eggs developed to spine stage but did not emerge)

STERILE MALES RELEASED - 82,415 (This increased total was released to compensate for short ship- received for release during the coming week.)

Screw-worm Cases - None

MACELLARIA CASES - None

A. H. Baumhover

cc: A. W. Lindquist
A. J. Graham
G. W. Eddy

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Entomology Research Branch

Postbox 85, Curacao

November 16, 1954

To: Dr. R. C. Bushland

From: A. H. Baumhover

Subject: Weekly report - Curacao

EGG MASSES COLLECTED - 1 sterile mass totaling 120 eggs, pen #4, November 11 (6 eggs developed to spine stage but did not emerge)

STERILE MALES RELEASED - 82,418 (This increased total was released to compensate for short shipments received for release during the coming week.)

Screw-worm Cases - None

MISCELLANEOUS CASES - None

A. H. Baumhover

cc: A. W. Lindquist
A. J. Graham
G. W. Eddy

Form AD-514 (Rev. 9-52) U. S. DEPARTMENT OF AGRICULTURE

DATE 3

11/22/54

REFERENCE SLIP

REFERRED TO Dr. Bushland

NOV 26 1954

- ☐ Action.
- ☐ Approval.
- ☐ Attention.
- ☐ Comment.
- ☐ Consideration.
- ☐ Copying.
- ☐ Correction.
- ☐ Filing.
- ☐ Initials.
- ☐ Investigate and advise.
- ☐ Memorandum.
- ☐ Note and forward.
- ☐ Note and return.
- ☐ Note and file.
- ☐ Per telephone call.
- ☐ Previous correspondence.
- ☐ Recommendation.
- ☐ Record.
- ☐ Rush.
- ☐ Reply for signature of
- ☐ See me.
- ☐ Signature.
- ☐ To be rewritten.
- ☐ For your information.

REMARKS: Reference is made to Dr. Lindquist's memo of October 13 to you regarding tabular data of the Curacao experiment. Sincethe material submitted for the III Quarterly report was similar to what Dr. Lindquist had worked up I did nothing further on it. Don't know if you have had time to prepare slides or not so will do so this week. Hope to get them to you by November 29. This may be duplication of effort, but anyway it will give an additional check on the figures.

Best regards,

P.S. attached is a copy of 1 table just completed - al

(Name of sender)

U. S. GOVERNMENT PRINTING OFFICE 16—44649-4

NOV 18 1954

ARTMENT OF AGRICULTURE
Research Service
Research Branch

Curacao

November 15, 1954

Curacao

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as released to compensate for short ship-
d for release during the coming week.)

Cases - None

CAGES - None

C.H. Bennett

STERILE SCREW-WORM MALES RELEASED AND FERTILE AND STERILE EGG MASSES COLLECTED ON THE SOUTHERN HALF OF THE ISLAND OF CURACAO, N. A. 1954

		Sterile Males Released		Egg Masses Collected			
No.	Week Ending	Total Number	Average Per Sq.Mi. Per Week	Fertile	Sterile	Percent Sterile	Average Masses Per Pen
18	July 18	10,170	120	58	1	1.7	9.8
19	July 25	9,400	111	44	19	30.2	10.5
20	August 1	8,600	101	38	19	33.3	9.5
21	August 8	8,190	96	43	17	28.3	10.0
22	August 15	41,740	491	9	14	60.9	3.8
23	August 22	25,530	300	4	25	86.2	4.8
24	August 29	14,900	175	6	23	79.3	4.8
25	September 5	32,390	381	3	11	78.6	2.3
26	September 12	38,350	451	5	25	83.3	5.0
27	September 19	59,590	701	1	14	93.3	2.5
28	September 26	38,290	450	0	1	100.0	---
29	October 3	51,620	607	0	12	100.0	2.0
30	October 10	41,120	484	0	0	---	---
31	October 17	61,800	727	0	0	---	---
32	October 24	49,040	577	0	0	---	---
33	October 31	34,000	400	0	0	---	---
34	November 7	34,000	400	0	0	---	---
35	November 14	41,210	485	0	1	100.0	---
36	November 21	33,380	393	0	0	---	---

UNITED STATES DEPARTMENT OF AGRICULTURE
Agriculture Research Service
Entomology Research Branch

Postbox 85, Curacao, N. A.

NOV 26 1954

November 22, 1954

To: Dr. R. C. Bushland

From: A. H. Baumhover

Subject: Weekly report - Curacao

EGG MASSES COLLECTED - NONE

STERILE MALES RELEASED - 66,760

SCREW-WORM CASES - NONE

MACELLARIA CASES - NONE

Enclosed is a list of captions for photos sent November 12.

cc: A. W. Lindquist
A. J. Graham
G. W. Eddy

A. H. Baumhover

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